Client

+main():

DBtype

1   +database

+Store(inputData: String[]):

+askStrat():

+setStoreStategy(strategy: iStore):

**<<interface>>
iStore**

dbstore()

+datastoreplan

1

document_store

+dbstore():

node_store

+dbstore():

table_store

+dbstore():

Relational

+Relational()

NoSQL

+NoSQL()

Graph

+Graph()

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Homework 2
Part C

database.txt

End User

Client (main)

Relational

NoSQL

Graph

table_store

document_store

node_store

valid input alt

if 1

db select

<<create>>

Store()

dbstore()

setStoreStrategy()

method select

if 1

Store()

dbstore()

if 2

Store()

dbstore()

if3

Store()

dbstore()

else

invalid input

else

invalid selection

NOTE: Assuming this is one run through of the program.

Assuming the user selects the relational DB option at the
"valid input alt step" as the other options would be the exact
same(other than initially using their default Store method.